



\$2634
PATENT
2611-0116P

IN THE U.S. PATENT AND TRADEMARK OFFICE

RECEIVED

Applicant: W. MATSUMOTO Conf.: 9784 JAN 27 2003
Appl. No.: 09/445,298 Group: 2634 Technology Center 2600
Filed: December 3, 1999 Examiner: Sam K. AHN
For: DIGITAL COMMUNICATION DEVICE

LARGE ENTITY TRANSMITTAL FORM

Assistant Commissioner for Patents
Washington, DC 20231

January 21, 2003
(Tuesday after holiday)

Sir:

Transmitted herewith is a Response in the above-identified application.

- The enclosed document is being transmitted via the Certificate of Mailing provisions of 37 C.F.R. § 1.8.
 The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

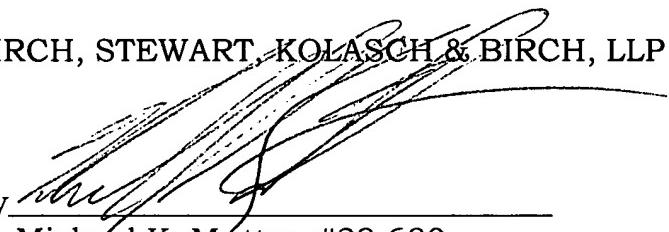
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	18	-	20	=	0	\$18	\$0.00
INDEPENDENT	4	-	3	=	0	\$84	\$84.00
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM						\$280	\$0.00
						TOTAL	\$84.00

- Petition for () month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). \$0.00 for the extension of time.
- No fee is required.
- Check(s) in the amount of \$84.00 is(are) enclosed.
- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. This form is submitted in triplicate.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 
Michael K. Mutter, #29,680

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

MKM/CJB:cb
2611-0116P

Attachment(s)



#841
Amend B
1-28-03
PATENT
2611-0116P

IN THE U. S. PATENT AND TRADEMARK OFFICE

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Apply. No.: 09/445,298 Art Unit: 2634
Filed: December 3, 1999 Examiner: Sam K. AHN **RECEIVED**
For: DIGITAL COMMUNICATION DEVICE **JAN 27 2003**
Technology Center 2600
RESPONSE

Assistant Commissioner for Patents
Washington, DC 20231

January 21, 2003

Sir:

In response to the Office Action dated November 20, 2002, please amend the application as follows.

IN THE CLAIMS

Kindly replace claims 1, 7, 8 and 11 with the following.

Claim 1. (Amended)

A digital communication device for correcting transmission path characteristics containing noise transmitted from a plurality of half-duplex communication devices via a half-duplex transmission path, said device comprising:

a near-end cross talk (NEXT) noise coefficient table, in which are stored equalizing coefficients of equalizers for correcting characteristics of a

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